

Work Order ID 72230

Wednesday, July 20, 2011 9:00:32 AM



Page 1

Item ID: D3672-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 7/20/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 7/27/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 11/07/20

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3672

Rev C

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 14544

Purchase Part Number: MM .500 OD X .267 ID X.031 +/- .002

Supplier: HASKINS INDUSTRIAL

Certificate of conformity is required

CL 11/07/20 (800)

110

0.00



Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

R 11/7/20 (500)

120

0.00



QC6- Inspect dimensions to drawing

QC

Memo

0.00

Quality Control

8/14/2012

(800)

QSP019

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 72230

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Item ID: D3672-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Phenolic Washer

Start Date: 7/20/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 7/27/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 Packaging Packaging	Identify as per dwg & Stock Location: <u>74</u> Memo	0.00 0.00						<u>11/8/25</u>	<u>(500)</u>
140 QC Quality Control	QC21 - Final Inspection - Work Order Release Memo	0.00 0.00						<u>ek 11/08/03</u>	

11-08-2
(500)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Wednesday, July 20, 2011 9:00:30 AM

Work Order ID: 72230



Parent Item: D3672-3

Parent Item Name: Phenolic Washer



Start Date: 7/20/2011

Required Date: 7/27/2011

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP Rev:A New Issue 07-09-09 JLM Verified By:EC
IPP Rev:B ECN 1056 07-11-13 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3672-3P  WASHER		Purchased	No			110	Each	0.0000	1 	500		<i>P417/24</i> <i>(J. J)</i>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

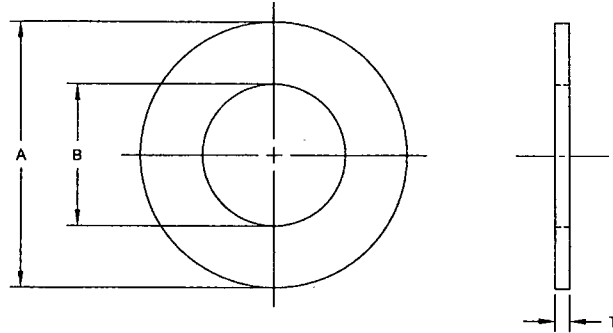
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



D3672-X PHENOLIC WASHER

Dart P/N	A (IN)	B (IN)	T (IN)	SUPPLIER P/N	REPLACES
D3672-1	0.437	0.210	0.031	MM .437OD x .210ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H3L
D3672-3	0.500	0.267	0.031	MM .500OD x .267ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H4L
D3672-5	0.562	0.326	0.062	MM .562OD x .326ID x .062 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5
D3672-7	0.562	0.328	0.031	MM .562OD x .328ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H5L
D3672-9	0.625	0.390	0.031	MM .625OD x .390ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H6L
D3672-11	0.750	0.453	0.031	MM .750OD x .453ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H7L
D3672-13	0.875	0.515	0.031	MM .875OD x .515ID x .031 +/- .002 PHENOLIC FLAT WASHER	NAS1515H8L



NOTES:

- 1) MATERIAL: PHENOLIC. PURCHASE HASKINS INDUSTRIAL INC. P/N PER TABLE (IN QUANTITIES OF 1000)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

CL11/07/20
W10:72230

RELEASED
N 2009-12-14

C	REDRAW, ADD -13 (ZN A8-1), PAR 09-038	CP	09.11.04
B	ADD -5/-7/-9/-11	DC	07.10.09
A	NEW ISSUE	DC	07.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	qp		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3672	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		PHENOLIC WASHER	NTS
DATE	09.11.04	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO14544**

Purchase Order Date 7/21/2011

PO Print Date 7/21/2011

Page Number 4 of 4

Order From :

VC-HAS001

HASKINS INDUSTRIAL
5-52 ANTARES DRIVE
NEPEAN, ON K2E 7Z1
CA

Contact Name

Vendor Phone

613 723 8800

Vendor Fax

613 723 8806

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

15	040324 3/8 COBALT STUB DRILL	7/27/2011	24.00	Dicom	\$12.4700	\$299.28
		Yes	Each			

Deliver To: DAN.P

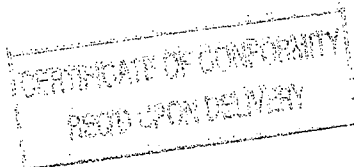
16	D3672-3P	WASHER	7/27/2011	500.00	Dicom	\$0.3229	\$161.45
			Yes	Each			

Special Inst: AS PER DWG D3672 REV. C
B72230
HASKINS P/N: MM .500 OD X .267 ID X
.031 +/- .002

17	D3672-1P	WASHER	7/27/2011	500.00	Dicom	\$0.3229	\$161.45
			Yes	Each			

Special Inst: AS ABOVE
B72229

PO Total: \$1,138.95



Change Nbr: 1

Change Date: 7/21/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

*** B A C K O R D E R ***

Order # 1240885.01

ASKINS INDUSTRIAL INC.
-52 ANTARES DRIVE

Order Date 07/21/11

PEPEAN, ONTARIO K2E 7Z1
TEL (613)723-8800 FAX (613)723-8806

Page 1 of 1

Sold To: DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY
ON
K6A 1K7

Ship To: DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY
ON
K6A 1K7

* Reprint *

Cust Phone # (613)632-5200	Warehouse OTTAWA	F.O.B. DEST	Taken By MIKE 613-723-8800
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Cust #	Customer P/O #	Required	Orig Order	Slsm	Ship Via	Terms
05168	PO14544	07/22/11	1240885.01	PL	DICOM	NET 30

Ln#	Bin #	Order UM	Ship	B/O Product	Description
1	CAB110	2 EA	2	DB-110-0312-201	CARBIDE END MILL 5/16 2FL FLAT BOTT
13		100 C	0	100 SP1X100	HX-18 1/4-20 X 1.5 SOCKET HEAD CAP SCREW
16		500 EA	500	MMS-D3672-3	.500 X .267 X .031 +/- .002 WASHER, PHENO
17		500 EA	500	MMS-D3672-1	.437 X .210 X .031 +/- .002 WASHER, PHENO

8 1108/12

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
 2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
 3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED
- CL= QTY NOT SHIPPED WAS CANCELLED
SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL *0* PACK *14* DATE *07/26/11*
Printed on 2011-07-27 at 9:22